Cytotechnology **17:** 217–218, 1995.

CONTENTS Volume 17 1995

Volume 17 No. 1

Apoptosis in CHO cell batch cultures: examination by flow cytometry 1–11
A. Moore, C.J. Donahue, J. Hooley, D.L. Stocks, K.D. Bauer, J.P. Mather

Expression of FSH in CHO cells. II. Stimulation of hFSH expression levels by defined medium supplements 13–19
C.A. Gebert, P.P. Gray

Strong buffering capacity of insect cells. Implications for the baculovirus expression system 21–26
M. Medina, A. López-Rivas, D. Zuidema, G.J. Belsham, E. Domingo, J.M. Vlak

The methylene blue colorimetric microassay for determining cell line response to growth factors 27–33
M.F. Dent, L. Hubbold, H. Radford, A.P. Wilson

Changes in metabolism and hormone trafficking during exposure of endocrine cells to elevated ammonium 35–43
J.J. Dyken-Young, A. Sambanis

A specific microassay for evaluating hepatic LDH activity in co-cultures of hepatocytes with other cells 45–52
M.T. Donato, J.V. Castell, M.J. Gómez-Lechón

Technical report

Production of immunoglobulin A in different reactor configurations 53–63
T. Stoll, C. Perregaux, U. von Stockar, I.W. Marison

Volume 17 No. 2

Isolation of p10 gene from *Bombyx mori* nuclear polyhedrosis virus and study of its promoter activity in recombinant baculovirus vector system 65–70
S. Tomita, T. Kanaya, J. Kobayashi, S. Imanishi

Assessment of heterologous membrane protein polarity in transiently transfected MDCK cells 71–82
C. Haller, S.L. Alper

The effects of oncogene transfection on growth and antibody production of human-mouse heterohybridomas 83–89
O. Hohenwarter, A. Waltenberger, C. Schmatz, H. Katinger

Induction of stress proteins in anoxic and hyperthermic *Spodoptera frugiperda* cells 91–101
W. Hugler, K.C. O'Connor, S.J. Landry, J.E. Bivins

Molecular cloning of the 31 kDa cytosolic phospholipase A_2, as an antigen recognized by the lung cancer-specific human monoclonal antibody, AE6F4 103–108
S. Kawamoto, M. Shoji, Y. Setoguchi, M. Kato, S. Hashizume, A. Ichikawa, K. Osada, Y. Katakura, H. Tachibana, H. Murakami

Enhanced productivity of Protein C by recombinant human cells in automated fed-batch cultures 109–115
Yun-Seung Kyung, Wei-Shou Hu

Effects of organic pH buffers on cell growth and antibody production of human-human hybridoma HB4C5 cells in a serum-free culture 117–125
K. Nagira, M. Hayashida, M. Shiga, K. Sasamoto, K. Kina, K. Osada, T. Sugahara, H. Murakami

Separation of intact and damaged hepatocytes in sucrose following non-enzymatic liver perfusion 127–131
A.Yu. Petrenko, A.N. Sukach, V.P. Grischuk, S.P. Mazur, A.D. Roslyakov

Stable expression in Chinese hamster ovary cells of a homogeneous recombinant active fragment of human platelet glycoprotein Ibα 133–141
B. Schumpp-Vonach, G. Kresbach, E.-J. Schlaeger, B. Steiner

Volume 17 No. 3

Transport of osmoprotective compounds in hybridoma cells exposed to hyperosmotic stress 143–151
K. Øyaas, T.E. Ellingsen, N. Dyrset, D.W. Levine

Development of a serum-free culture medium for the large scale production of recombinant protein from a Chinese hamster ovary cell line 153–163
M.J. Keen, N.T. Rapson

The optimization of serum-free medium for the production of the scu-PA by the addition of algal extracts 165–172
Hyun G. Kim, Ki D. Sung, Moon S. Ham, Kyung H. Chung, Kwang H. Chung, Hyeon Y. Lee

High cell density perfusion cultures of anchorage-dependent Vero cells in a depth filter perfusion system 173–183
Sang Kyo Choi, Ho Nam Chang, Gyun Min Lee, Ik-Hwan Kim, Duk Jae Oh

Technical reports

Automatic quantitation of cell colonies on petri dishes by computerized image analysis 185–191
A. Bollea, M. Masseroli, A. Nicotra, P. Beccaglia, Soumitra Sen, E. Erba, G. Balconi

The culture of rat myeloma and rat hybridoma cells in a protein-free medium 193–202
M.J. Keen

Adaptation of cholesterol-requiring NS0 mouse myeloma cells to high density growth in a fully defined protein-free and cholesterol-free culture medium 203–211
M.J. Keen, T.W. Steward

Instructions to Authors 213–216

Volume Contents 217–218

Author Index 219

Keyword Index 221–222